

BOMB DISPOSAL BOT RUBRIC

YOUR OBJECTIVE: Navigate the course to find and retrieve an improvised explosive device. Transport device to a safe box and secure the explosive.

You will have six minutes to complete the challenge: navigate the course, find the explosive, place the explosive in the box and close the lid.

THE POINTS:

- | | |
|--|------------|
| • Field navigation | 100 points |
| • Bomb Location | 50 points |
| • Bomb removal | 50 points |
| • Bomb transported to box and lid closed | 100 points |

YOUR TOTAL POINTS

THE PENALTIES:

- | | |
|---|------------|
| ▪ Touch the cone/wall | -5 points |
| ▪ Drop the bomb | -5 points |
| ▪ Robot/bomb touched by operator | -10 points |
| ▪ Every 30 seconds over the 6-minute time limit | -5 points |

YOUR TOTAL PENALTIES

THE BONUSES:

- | | |
|---|------------|
| • Navigate robot over the ramp | +10 points |
| • Retrieve, transport and secure 2 nd bomb | +25 points |
| • Every 30 seconds UNDER the six minute time | +5 points |

YOUR TOTAL BONUSES

OVERALL SCORE: